audio ease

SPEAKERPHONE

User Guide

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Introduction

Welcome to Speakerphone.

A bad GSM connection on a busy sidewalk, bullhorn with feedback and helicopters overhead, or a 1952 rockabilly guitar amp in a recording studio's live room, Speakerphone gives you authentic speakers of any size together with their natural environments.

Speakerphone, powered by Altiverb, combines a wealth of effects including a convolution engine that uses actual samples of hundreds of original speakers, a radio receiver tuning dial, record player scratch and static generator, GSM cell phone data compression, distortion, tremolo, delay, a variety of EQ and dynamics, bit crushing, sample rate reduction, a full blown convolution reverb, and a library of samples to combine into entire environments.

An impulse-response based speaker emulator, a convolution reverb and a sample player all in one: Speakerphone can produce complete scenery where any speaker is involved.

Operation is extremely simple and quick: you just call up one of hundreds of carefully crafted and archived presets. If you're a tweaker just click 'show controls' and the whole dashboard slides out, at your disposal, with the most minute detail.

An obvious application for Speakerphone is television- and film audio Post production. Speakerphone will give you all the walkie talkies, distant transistor radios, upstairs TV sets, bullhorns and cell phones you'll ever need. It will add dial tones, operators and static, and you can select from a wealth of environments on either the caller's or receiver's end. It'll make your voice sound through a distorted megaphone suspended from the ceiling of a station hall, while mixing in passenger's footsteps around you. And you can simply drag anything from the sample bay right to your Pro Tools track and vise versa.

But there are also many uses for Speakerphone in music production. You want to make the artist rap through a cell phone? Rather than pull up an eq and some distortion, why not make him rap through an actual cell phone? Perhaps in an idling car, at a gas station ? You want your mix to start out on a gramophone ? Choose one of the antique gramophones at hand. Tweak the ticks and crackle controls, trigger stylus up and down samples, and if you prefer an off-center hole in the record then just put it there. Then give the Wet-Dry Slider a kick and have Speakerphone smoothly morph from gramophone to neutral by interpolation of all its parameters. Plus there's a host of classic guitar amps, complete with tailor made distortion, spring reverbs, and everything else to build guitar tone like you've never heard from a plug-in.

The end-all speaker simulator plug-in, with a host of environments to put them in. Speakerphone is speakers done the Audio Ease way.

Speakerphone 2

Just over a year has passed since the introduction of Speakerphone. Speakerphone has quickly become a household name in audio post production and music studios. Speakerphone version 2 has a new cleaner look, new features, many newly sampled guitar amp cabinets, antique phones, toys, answering machines and megaphones. Added is a microphone simulation module that hosts microphones ranging from Royers to toy mics.

Among the new modules in Speakerphone 2 is one that's called 'Coverup'. Coverup can place any sound inside tin cans, cardboard boxes, under blankets or in the closed trunk of a car. Speakerphone 2 adds presets that switch via automation, an extensive LFO and envelope following section for controlling virtually all parameters of Speakerphone, and a Leslie speaker module.

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Basic Operation

Insert Speakerphone on a track of your sequencer or editor, and playback speech, or speak live through the track.

Click on the large preset name in the preset bar. A browser is presented. You can select a preset from one of the many categories in the browser.

If you found something close, but you need it a bit different start tweaking the controls. A module is active when its power control lights green. Each module is described in the next chapter. If you see no controls you can show them by clicking the show/hide controls tab.
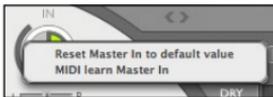
CTRL or right -click on a control, such as a knob, to bring up a menu that allows you to attach a parameter to a MIDI controller. The knob will blink until a controller is sent on channel 1, after which it is attached. The other option in this contextual menu resets the value to its default.

The heart of the preset is the Speaker module. Click on the phone icon to select one of many phones, or on the radio icon to select a radio .
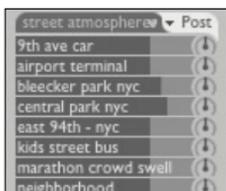
The background ambiences that you hear in many presets come from the Sample Bay at the bottom. Click on a sample to start it, on the fader handle to adjust its volume, on the green-lit triangle to stop, and on the rotary control to adjust panning. Click on the name of a sample pack ("kids" in this example) to select another sample pack.

Suppose the voice (or your complete mix) now sounds from a radio. If you play back stereo music through this setting then perhaps at some point you want to slowly 'open up' the sound to your full bandwidth stereo input sound. Click the DRY button to make the slider move from wet to dry, from treated audio to untreated audio. Or drag the WET/DRY slider manually.
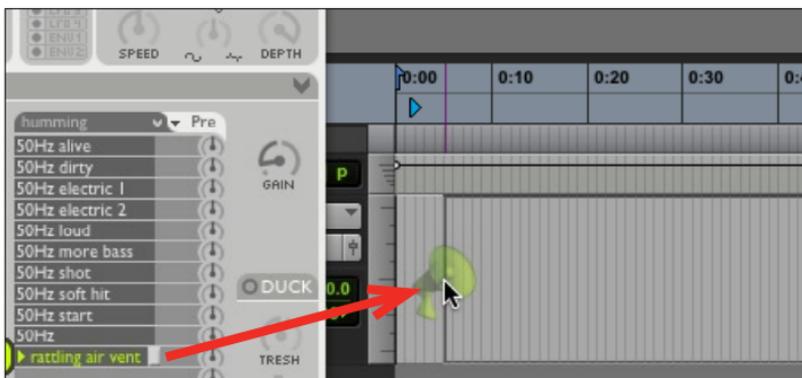
You can drag files between the Finder/Windows, the sample bay and your tracks, so if you like the ambience sounds, or any other sample from the sample bay, but you'd rather have it on your track than coming from Speakerphone, you can click it, hold it for a second and then drag the sound from the sample bay to the track.

Use the large Input and Output controls to adjust the volumes of incoming and outgoing audio of Speakerphone. Next to the OUT control there is a limiter that you can switch on or off, and next to the IN control there is 'auto level', which is an automatic leveler to ensure that the input is just loud enough for the presets to sound good. 'Mute on stop' means playback of samples from the sample bay will be paused when your sequencer is not playing.

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Reference

Help Feature
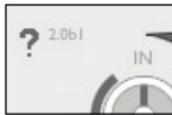
Clicking the '?' will turn the help feature on and off. If the help feature is on you can hover the cursor over a module to make an explanation appear.

With this circular button you switch a module on or off.

Many modules have their own preset menu, bring it up by clicking this arrow.

Presets

Click on the preset name. A browser shows up. You can select another preset now.

Selects the previous or next preset.

Automation presets

A preset can also be stored in one of 10 numbered slots below the preset bar. Do this by clicking 'store', followed by a click on the desired slot. Recall a preset by clicking on the slot. 'automation preset index' is an automatable parameter. You can therefore invoke switches using your workstation's parameter automation. In Pro Tools this also works in case 'automation preset index' is the only parameter that is automation enabled. The contents of all automation preset slots are in turn saved in a single (Pro Tools) Preset, as well as in the Session file.

Wet / Dry control

The Wet Dry control gradually moves between processed and unprocessed (Bypassed) sound in an elaborate way. A movement from WET to DRY will gradually open up filters, including the speaker IR, and diminish the effects of modules like Distortion and Telecom each in a unique way. The overall result of a movement from WET to DRY is a seamless 'opening' up of the sound from the complete preset to unprocessed sound.

The WET DRY SLIDER changes all parameters from their current setting to 'through'

This dry button starts to move the WET/DRY Slider gradually from wet to dry

This controls how fast the WET/DRY slider will move once the DRY or WET buttons are clicked

This WET button starts to move the WET/DRY Slider gradually from dry to wet

If, for instance, you have your mix sounding from a jukebox in the back of a bar, you can slowly 'open up' the sound to full stereo by dragging the WET/DRY slider. Or click the DRY button to make the slider move from wet to dry, automatically, at a speed determined by the rotary control to the right of the slider.

Speaker - Selection of the speaker impulse response.

At the heart of the speaker simulator lies a library of recordings of different speakers, often referred to as Impulse Responses, or IR's. These impulse responses by themselves capture many characteristics, both in frequency and time, of the sampled speaker. The speaker module lets you select a speaker impulse response, and it shows its corresponding photograph. Double click the photograph to get additional info on the selected Impulse Response.

Speaker Category Icons - **When you click a speaker category icon, like the phone or the radio, a browser window appears that lets you select a speaker in that category. Chapter 5 lists the speakers you can select from these categories, and offers some background info on them. To make auditioning as quick as possible, the sounding selection is continually updated while you navigate the browser.**

The Picture - Shows the actual speaker that was sampled. If you double click the picture, a larger picture and additional info on the speaker and the recording are displayed.

Pre/Post -Selects one of two positions in the signal chain where the convolution module can be inserted. The graph below shows both positions. Suppose a selected speaker has a frequency range up to 5000 Hz. Using pre-convolution Distortion and crunch will add harmonics above 5000 Hz in the end result. If you want those to be cut-off by the IR, use post-convolution, shown in the connection of modules below.

```
auto level + inputgain > sample bay (if pre) > phono > tuning > telecom >
speaker (if pre) > crush > gate > compressor > distortion > mod > delay > mic >
speaker (if post) > Leslie > cover > room > eq > sample bay (if post) > out > limiter
```

Stereo/mono - in stereo mode the IR will be used twice to treat the input: one for the left input channel, and the other for the right. In mono mode, input channels

will be summed before they enter the speaker module. This way you can set up a mono tube-radio patch and run your stereo mix through it. When you use the dry/wet slider above, the signal will go from mono to stereo as well as from tube radio to neutral.

Mic - Selection of the microphone impulse response.

Similar to the speaker selector, but here a microphone impulse response can be selected. The available microphone impulse responses capture time and frequency characteristics of the microphones depicted, and therefore make it sound as if the selected microphone was used in the result. Use it to make an announcer speak through a typical announcer microphone, or to pick up a guitar cabinet using a classic microphone for the purpose, for instance a Royer.

DEGRADE - in old (mainly telephone) carbon microphones a particular type of degradation is simulated with this knob. Turn to right for the crackly effect, turn left to leave the microphone in top condition.

Room - Convolution reverb for room, outdoor space, hall, resonant enclosure, and reverb gear simulation.

Room creates reverb based on recordings of actual spaces ranging from a railway station hall to the cockpit of a MIG fighter plane. Samples of spring- and plate reverbs are available as well. Click on the photograph to select a different acoustic space to place the speaker in.

MIX - turn to the right to get more reverb, or to the left to add more dry audio.

DECAY - turned all the way clockwise the decay, or reverb tail length, is complete. Turn it counter clockwise to shorten the reverb tail.

Cover - cover up the source sound with blankets, boxes, trunks etc

A variety of objects can cover a sound source. Blankets, suitcases, boxes, glass cups, car trunks are just few. Click on the picture to select such a cover. All of these are actual impulse response recordings in Speakerphone.

MIX - turn to the right to get more of the cover's characteristics, or to the left to add more dry audio.

PITCH - often the covers have very distinct resonances. Tune them using this knob. Try it on a wine or beer bottle.

Distortion - Emulate a speaker's or amplifier's over modulation.

In the distortion module audio is first passed through the Pre EQ. If you engage it by clicking its on/off button you can control both a parametric EQ and a low pass filter with resonance in the same graph. Bandwidth, or Q, for the Parametric EQ can be adjusted with the small rotary control.

Next, the signal hits the PRE gain, which typically amplifies so the waveform will become more or less distorted in the next module: the Distortion Type.

The actual distortion model is selected in the 'TYPE' popup. Some are amp models, others are wave shapers, all of them are further controlled using the CURVE graph at the bottom of the distortion module.

POST-gain controls the distortion's output volume. You can also click the connection-button in between PRE and POST to have post gain automatically decrease when pre gain increases and vise versa.

Finally you can Mix the distorted signal with the undistorted input signal using the MIX control.

The effects of Distortion are different when it sits before or after the Speaker module. The position of the Speaker module can be adjusted by the Speaker's PRE/POST control (see next section).

Equalizer section - 5 types of frequency filters.
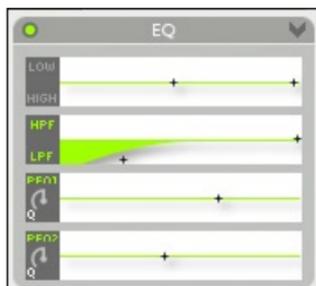
A filter can be turned on or off by clicking its name.

Low and High shelving filters - Click on a cross in the graph and move it up to amplify, , down to attenuate and left-right to change the cut-off frequency.

High pass filter and low pass filter with separate resonators - Click and drag in the graph to move the cross hairs. Left and right adjusts cut-off frequencies, up and down adjusts resonance amount. Resonance is a means of emphasizing the cutoff frequencies themselves. The high pass and low pass filter's frequency responses do not flatten out like the shelving filters, making them the more dramatic choice of the two.

Two bands of parametric Equalization - Horizontal movement adjusts the position of the notch or peak. The amount of amplification or attenuation is controlled by vertical movement. The width (q-factor) of the peak or the notch is adjusted with the rotary knob.

Telecom - (Cellular) phone connection protocol (degradation) simulation.

By applying actual telecommunication industry standard audio data compression such as 'GSM', this module faithfully reproduces the typical audio artifacts found in bad phone connections. Repetitions, underwater effects, it will all sound very familiar. As a side effect of the LPC coder/decoder the Telecom module doubles as a classic robot-harmonizer. You can build synthetic voice effects using LPC fixed pitch, or even send it MIDI notes on channel 3 to play pitches.

POPUP MENU - choose the encoding/decoding type of data compression that is used in actual (cellular) phone connections. Some of them may introduce latency (delay) in the same way actual telephone lines do. The 'Liquid' degradation types introduce the smallest delay.
SRATE- changes the sampling rate of the phone data transmission.
QLTY - quality - simulates the effects of a bad connection. Most notably dropped (and therefore repeated) time-slices. In Fixed Pitch mode the QLTY knob controls pitch of the robot voice.

Gate - Mutes or attenuates the signal when it's below the threshold level

TRESH - Threshold - the gate mutes or attenuates the signal when it drops below this threshold level.

REL - release - how quickly the gate returns to no-gain-reduction once the input level gets above the threshold.

MUTE vs ATTENUATE - Select in this popup menu wether the gate completely

mutes or just attenuates the signal.

Compressor - Dynamic compression controls.

The horizontal meter - continually displays the amount of gain reduction. The dynamics section is completed by the limiter near the 'OUT" control at the right top.

TRESH - Threshold - the compressor reduces the dynamic range of the incoming audio signal if it becomes louder than this threshold.

RATIO - The amount of gain reduction. 4:1 means 4 dB of additional input creates just 1 dB of additional output level

ATK - attack - how fast the compressor responds to changes in input level.

REL - release - how quickly the compressor returns to no-gain-reduction once the input level falls below the threshold.

GAIN -Volume of the output of the gain.

Delay - mono or stereo feedback delay with filter.

STEREO MONO - in mono mode the delay output is summed to mono

TIME L - left channel delay time.

TIME R - right channel delay time.

FDBCK - amount of the delay output that is fed back into the delay input.

LP/HP - an optional low pass and high pass filter in the feedback path. Turn to left to attenuate high frequencies or to the right to attenuate lows .

XFD - Cross feed determines how much of the left channel signal gets fed into the right channel delay path.
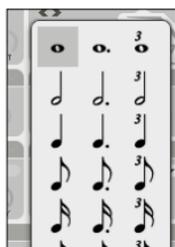
MIX - determines the mix between the delayed signals and the input signal.

FREE mode lets you adjust delay times in milliseconds, while

SYNC mode locks the timing of the delay to the host sequencer's tempo. The delay time rotary knobs are exchanged by notes, and clicking on the note brings up a note-value selector box.

Crush - word length reduction and sampling rate reduction.
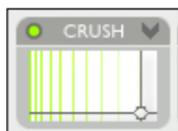
Drag the cross hair down to reduce word length (reduce from 32 bit input to 2 bit output). Move to the left to reduce sampling rate. To maximize aliasing effects the most crude of sample rate conversion algorithms lies beneath the Crush module.

Mod - Tremolo, Chorus, Phaser, Flanger or Vibrato.

Mod offers 5 types of classic modulation effects, available in the top left popup.

DEPTH - Controls the amount of the modulation effect.
SPEED - Controls how fast the modulation oscillates. Speed can either be set in FREE mode or in SYNC mode. SYNC ties speed to the host sequencer's tempo and displays it with a note value (as is shown above in the DELAY module) , while FREE offers a rotary knob.

Leslie - Emulation of the classic rotating speaker

This module emulates a Leslie speaker, typically associated with Hammond organs.

A Leslie speaker, on the inside, rotates a horn speaker for the mid to high frequencies, and it rotates a horizontal baffle below a downward facing low frequency woofer. The result is rich rotating sound.

For authentic results first select from the speaker module (page 12) a Leslie speaker. You'll find it in the miscellaneous speakers section (speaker icon on the left) . Then use the following Leslie controls to rotate it:

The HI AND LO KEYS switch the rotating elements between two speeds. The corresponding speeds can be set using the *LO AND HI KNOBS*. The rotation can be stopped using the *BR* switch (brake).

LAZY - determines the the time the rotation speed needs to reach HI or LO.
WIDTH - Controls the stereo width of the rotation effect.
AMT - Amount controls the intensity of the Leslie's effect. Together with 'Width' it would in reality be achieved by microphone positioning.

Phono - Gramophone effects simulator.

WOW AMT- The hole in a record can be off center. The further the groove is from the hole, the faster it will be moved beneath the stylus, causing the pitch to swing up and down. AMT controls how far the hole is off center.

CURVE- A pitch curve also occurs when the record is not flat. You can change the shape of the pitch curve from a perfect sine (result of an off-center hole) to a steep peak every turn (result of a steep bump in the record).

33/45/78 - RPM - The number of record rotations per minute. Influences the speed of the curve as well as the speed of repetitions in the TICKS parameters

TICKS - The density of the layer of crackles and ticks.

GAIN - The gain of the layer of crackles and ticks.

Tuning - Radio receiver tuning.

Simulates the various effects of a radio receiver dial.
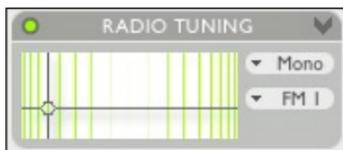
STEREO MONO - in mono mode the tuner's output is summed to mono

VERTICAL MOVEMENT - changes the frequency of inter-modulation side tones.

HORIZONTAL MOVEMENT- when the cross hair is moved out of the center reception of the signal worsens (increasingly adds distortion and noise).

MONO/STEREO - in stereo mode both the band-noise and the swooshes are different on the left and right output channel.

RADIO BAND SELECTOR POPUP (FM/AM) - Different radio bands give different types of band-noise, modulation and distortion effects. Select the type radio band here.

Multi LFO - 4 Low Frequency Oscillators and 2 envelope followers for automated parameter control.

Connecting an LFO and adjusting shape speed and range.
Click and hold the black dot before a line that says 'LFO', in this example LFO 4. Then drag towards any on screen control, such as Leslie AMT. Then release the mouse knob. You have now connected lfo 1 to Leslie AMT. Adjust the minimum and maximum value that the LFO reaches by dragging the red limitation points around the Leslie AMT knob. Further adjust the shape of the lfo by selecting a shape from the shape popup (where it says 'sine'), and use the shape turning knob to distribute the movement to the far ends of the cycle, or to the middle. Speed (lfo frequency) can be set freely, or locked to the beat, in which case notes pop up.
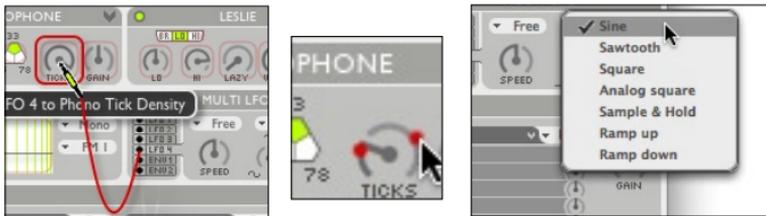
(left) LFO 4 gets connected to parameter Gramophone Ticks (centre) minimum and maximum of Ticks are set. LFO 4 will swing it between these values. (right) shape and speed of LFO 4 are set in the LFO module.

Connecting and adjusting an envelope follower

Connecting is done similar to an LFO. An envelope follower increases the value of the connected parameter according to the level of incoming audio. It starts reacting when audio exceeds the lo-threshold, and it will not increase further when the level exceeds hi-threshold. Attack and release determine how quick the envelope follower reacts.

Disconnecting an LFO or envelope follower
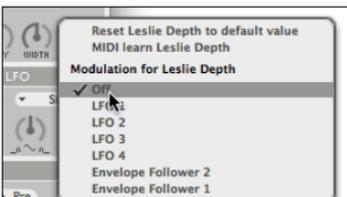
This is done by right clicking (or CTRL clicking) the parameter it controls, and selecting "off" such as in the picture to the left. This pop up menu also offers the alternative way of connecting a parameter to an LFO or envelope follower.

Sample bay - A library of samples for playback by mouse clicks or MIDI

You can build complete environments for the speakers here. Several gigabytes of samples and music are installed with Speakerphone, free for use in your production. 5 tables of twelve samples are accessible at a time for playback via mouse clicks or MIDI. The samples range from extras like knobs and closing car doors to ambiences and music, and they are used throughout the presets that come with Speakerphone.

MIDI - consult the manual of your sequencer to find out how to send MIDI notes from your MIDI keyboard or sequencer tracks to a plug-in. The sample Bay receives MIDI notes and volume control on Channel 2. The first sample-table runs from MIDI note number 24 (c-2) to 35 (b-2) The next table is triggered by the next octave and so on.

(Alt) drag samples from sample bay to tracks and the other way around. You can also drag samples to and from the Finder/Windows, or between slots within the samplebay.
You can move the samples folder to another drive, but after that you will have to reconnect Speakerphone by selecting 'choose samples folder' from the arrow in the top right of the sample bay.

Select wether the sample is played before (PRE) or after (POST) effects. So here you decide wether we receive a call IN a car, or we receive a call FROM a car.

One table of 12 audio samples is called a Sample Pack.

Click on a sample to play. Many of them are seamless loops.

Drag the horizontal fader to change gain.

Click on the heading name of a Sample Pack to select one of many sample packs

Besides the sizeable speakerphone sample library you can drag your own samples from the Finder or your sequencer tracks into these slots

A sample can be dragged to the Finder (where it will appear as a sound file) or to the tracks of your sequencer.

Command (Apple) click on a sample slot to bring up a selection dialog. You can place a single sample this way, or a complete folder of

With these you adjust panning of a sample

5
Speaker
Impulse Responses

Following is a list of the Speaker Impulse responses that come with Speaker-phone. They are accessible via the Speaker module described on page 12.

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1930 Tefag

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:**
Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Gray public phone

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:**
Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

1976 Orange public phone

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:**
Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Marquant T-289

Category: Phones
Owner: SoundPalette   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

T65

Category: Phones
Owner: Arjen   **Location:** Audio Ease
Recording: 2005-11-15 by Arjen van der Schoot

The Standard phone in the Netherlands through the seventies and part of the eighties.

nokia-6600

Category: Phones
Owner: Seb   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

Heemaf PR UL572

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Siemens M55

Category: Phones
Owner: Aram   **Location:** Audio Ease
Recording: 2005-05-20 by Audio Ease

Plantronics

Category: Phones
Owner: IZI   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

Nokia 9500 Handsfree

Category: Phones
Owner: Johan   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

Lorenz

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:**
Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

1926 Tefag CB system

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:**
Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

AEG d9

Category: Phones
Owner: SoundPalette   **Location:** Audio Ease
Recording: 2005-05-20 by Audio Ease

Philips Xalio 300

Category: Phones
Owner: Jankoen   **Location:** Audio Ease
Recording: 2005-05-25 by Audio Ease

1895 Stockholm telefon fabr

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

1927 Siemens Halske W28

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

1910 Ericsson HC200

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Nokia 3310

Category: Phones
Owner: Luuk   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

old-black-phone

Category: Phones
Owner: Bart   **Location:** Audio Ease
Recording: 2007-04-03 by Audio Ease

An authentic bakelite model.

NHTM 1929

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Siemens Gigaset A1

Category: Phones
Owner: **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

Blue public phone

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

1882 Bell TMC

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Swift Saturn.jpeg

Category: Phones
Owner: Michel   **Location:** Audio Ease
Recording: 2005-05-23 by Aram Verwoest

-

KPN Santiago 300

Category: Phones
Owner: Aram   **Location:** Audio Ease
Recording: 2005-05-22 by Audio Ease

bad high frequencies, this one cuts off really too early. (it's an 'old' portable phone).

Peel Conner Telephone works

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Loewe Alpha 4000

Category: Phones
Owner: Bob   **Location:** Audio Ease
Recording: 2005-05-22 by Audio Ease

1910 Ericsson CL600

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Philips Faxjet

Category: Phones
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

Sony-Ericsson K700i 2

Category: Phones
Owner: Zip   **Location:** Audio Ease
Recording: 2005-05-24 by Audio Ease

Ericofoon

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

1917 Ericsson wall phone

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Nokia 6800

Category: Phones
Owner: Johan   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

The microphone of this phone sometimes fails...

Sony-Ericsson K700i 1

Category: Phones
Owner: Arjen   **Location:** Audio Ease
Recording: 2005-05-20 by Audio Ease

1912 BTMC

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Siemens CF62

Category: Phones
Owner: **Location:** Audio Ease
Recording: 2005-05-24 by Audio Ease

Canon h12206 Fax

Category: Phones
Owner: IZI   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

iPhone

Category: Phones
Owner: **Location:**
Recording: 0000-00-00 by

Profone TX148

Category: Phones
Owner: -   **Location:** Audio Ease
Recording: 2005-05-23 by Audio Ease

natural response, more lows then others, sounds comfortable.

1890 Berliner

Category: Phones
Owner: Museum voor communicatie www.muscom.nl   **Location:** Museum voor communicatie www.muscom.nl
Recording: 2008-07-14 by Renier Linssen and Arjen van der Schoot

available in Speakerphone 2

Nokia 6230

Category: Phones
Owner: seb   **Location:** Audio Ease
Recording: 2005-05-23 by Aram Verwoest

-

2007 Hiwatt Custom 100 Top Mesa Cab

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2 The top of this sampled stack was a Hiwatt custom 100. The custom 100 is the model that made the Hiwatt name what it is. The model is constructed exactly like the Dave Reeves original DR-103. Equipped with 4 x EL-34 tubes in the power stage, 4 x ECC-83 tubes in the preamp. The mesa boogie cabinet was a 4x12 Stiletto Traditional Slant Guitar Cabinet. They are slightly smaller than the Rectifier cabinets and produce a tighter, more balanced low end response with an emphasis on attack. The midrange is more pronounced and this cabinet is often preferred for styles that require a tight tracking, articulate response.

1951 Gibson GA 20

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

The GA-20 was Gibson's first post-war design to use a top-mounted chassis, with the tubes hanging down.

1970s Ampeg Gemini-12

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

2007 Marshall Vintage Modern 2266C

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. Marshall 2266C Vintage Modern Guitar Combo, 50 Watt, Tube, 4x ECC83, 2 KT66 Valves, 2 x Celestion G12C25 Greenback Speaker

1959 Fender Bassman

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2

1966 Sears Silvertone 1424

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

2005 Koch Tube Series Multitone 2

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. 100 watt head with 4x12 Koch speaker cabinet.

2004 Orange Rockerverb 50 combo

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linsen - Aram verwoest

available in speakerphone 2. The Rockerverb 50 combo is loaded with two Celestion Vintage 30 12" speakers

2002 Koch Powertone 2

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. This is the Koch Powertone II EL34 120w 2x12 Tube Guitar Combo Amp.

1966 Ampeg B-18

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

2004 Vox AC30 cc2 blue bulldog

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2 - The Vox AC30 was originally introduced in 1958 as "big brother" for the fifteen watt AC15 model. The Original AC30, or AC30/4, had only a single 12 inch Goodman 60 watt speaker as opposed to the later, conventional twin 12" speaker configuration, sampled here for speakerphone.

1989 Mesa Boogie Triple Rectifier

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. The mesa boogie
cabinet was a 4x12 Stiletto Traditional Slant Guitar
Cabinet. They are slightly smaller than the Rectifier
cabinets and produce a tighter, more balanced low
end response with an emphasis on attack. The
midrange is more pronounced and this cabinet is
often preferred for styles that require a tight tracking,
articulate response.

1980 Marshall JCM 800

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

1959 Marshall SLP Jimi H MKII

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. sampled with a
Marshall 4X12 Cabinet.

1960 maestro reverb-echo

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

2003 Framus Cobra Top

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2

1965 Fender Princeton

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

1996 Fender Deluxe Hot Rod PR246

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. Delivers 40W to a single 12" speaker.

1957 Fender vintage tube combo

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. The Blackface Fender amplifiers were produced between 1964 and 1967. The first (1964) blackface amps had white knobs. After 1964 the amps had skirted black knobs. The blackface cosmetics were discontinued in late 1967; they returned for a brief period in 1981 before their discontinuation the following year.

1964 Ampeg Portuflex B12N

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

1965 Fender Twin Reverb custom 15

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2

1967 Fender Deluxe Reverb

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

1976 Ampeg SVT - Selmer

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

-

1963 Vox AC-30 Top Boost

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by arjen van der Schoot

These amps are the height of JMI Vox AC30 development and collectibility and are ridiculously rare. The control panel at the top has two extra knobs. One is "Bass " and the other is " Cut", commonly known as "top boost"

1960s Ampeg Reverberocket

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

In the 1960s, Ampeg became the first company to incorporate reverberation (reverb) in an amplifier with its Reverberocket, which preceded Fender's Vibroverb amp by nearly two years.

1998 Soldano Reverb-o-sonic ROS50

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. The Soldano Reverb-O-Sonic 50-Watt Dual Channel 2x12 Combo.

1957 Fender Super Amp

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

The Fender Super was a guitar amplifier made by Fender. It was originally called the Dual Professional and was introduced in 1947. The Dual Professional included two 10" Jensen speakers. It was renamed the Super in fall of 1947. (wikipedia)

2003 Framus Ruby Riot combo

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. he Ruby Riot is a 30-watt ''Class A'' valve combo, which is hand-wired and features two 12-inch, mismatched Celestion speakers (A Vintage 30 and a Greenback G12).

1970s Ampeg B-15N flip top

Category: Amplifiers and Cabinets
Owner: Paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

1952 Fender Deluxe

Category: Amplifiers and Cabinets
Owner: paul Antonell   **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

Scotty bought one of these, serial #0958 in 1952 along with a Fender Esquire guitar and used it initially with the Starlite Wranglers, with Elvis on tour and on the early Sun recordings. He traded it in towards the Ray Butts built EchoSonic to O.K. Houck Piano Co. in Memphis on May 24, 1955 receiving $65.00 in credit.

2006 Mesa Boogie Stiletto Stage II

Category: Amplifiers and Cabinets
Owner: Thomann Musikhaus   **Location:** Thomann Musikhaus
Recording: 2008-05-28 by Renier Linssen and Aram Verwoest

available in Speakerphone 2. The mesa boogie cabinet was a 4x12 Stiletto Traditional Slant Guitar Cabinet. They are slightly smaller than the Rectifier cabinets and produce a tighter, more balanced low end response with an emphasis on attack. The midrange is more pronounced and this cabinet is often preferred for styles that require a tight tracking, articulate response.

1958 Gibson GA 6

Category: Amplifiers and Cabinets
Owner: Paul Antonell **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

1957 was a very good year and a lot of the '57 models are still going strong! This amp (built 58) is no exception. It's been through a lot in its 5 decades.

1961 Ampeg Jet J-12

Category: Amplifiers and Cabinets
Owner: Paul Antonell **Location:** Clubhouse studio
Recording: 2005-11-15 by Arjen van der Schoot

JVC-InteriArt2

Category: Other Gear
Owner: Wiebe **Location:** SoundPalette
Recording: 2007-04-02 by Arjen

-

Answering Machine Richmond

Category: Other Gear
Owner: Peter **Location:** Audio Ease
Recording: 2006-08-16 by Aram Verwoest

-

Sony Headphone Leak

Category: Other Gear
Owner: Jankoen   **Location:** Audio Ease
Recording: 2006-08-16 by Aram Verwoest

This noise cancellation headphone leaks quite a lot to the world outside.

Sony-Trinitron

Category: Other Gear
Owner: Sound Palette   **Location:** Audio Ease
Recording: 2007-04-03 by Aram Verwoest

-

Philips-Backline

Category: Other Gear
Owner: Han   **Location:** Soundpalette
Recording: 2007-04-03 by Arjen

-

Monitor Spirit Abs Zero twt

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

tweeter only

Sony Tapedeck Speaker

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

From a Hi-Fi 2-track tape deck. A set of two speakers
can be placed over the playing tape on the machine.

babyfirephonetruck

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2007-04-03 by Arjen van der Schoot & Aram Verwoest

Samples from this toy and others from the toys
category are among the smallest sounding ones in
Speakerphone. They are the samples to try first for
the tiniest of communication devices.
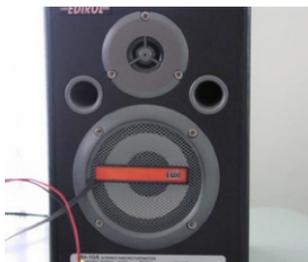
Grill w. Contact Mic

Category: Other Gear
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

Another contact mic idea

Sanyo Flash Camera

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2006-08-16 by Aram Verwoest

This flash camcorder has a tiny speaker. Really small
sound.

Marshall Mini

Category: Other Gear
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

The ultimate Marshall Stack.. from the eightbitaudio collection. Recorded via the speaker.

answering machine

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2005-07-14 by Aram Verwoest

....leave your message after the beep. This little speaker sounds exactly like you'd expect it, ready to rock.

AKG K141 Headphone Leak

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2006-08-11 by Aram Verwoest

-

Really Small Piezo

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease
Recording: 2006-08-16 by Aram Verwoest

Originally this is a little alarm speaker, but sampled this way you'll be able to use it as the world's smallest speaker.

Philips Headphone Leak

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease
Recording: 2006-08-11 by Aram Verwoest

This is a 10 Dollar Headphone.

robot

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2007-04-03 by Arjen van der Schoot & Aram Verwoest

My name is DaDa, drop your weapon! One of the three one-liners this guy can produce.

99cents Spkr

Category: Other Gear
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

A 99 cent speaker from the toy store. Automatic Lo-Fi.

Philips-small

Category: Other Gear
Owner: Wiebe   **Location:** Audio Ease
Recording: 2007-04-03 by Aram Verwoest

-

BD531 Headphone Leak

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2006-08-11 by Aram Verwoest

Open headphone.

BD770

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

Sampled in two ways, from inside and from the outside (leak).

Yamaha MidiSound Keyboard

Category: Other Gear
Owner: Jankoen   **Location:** Audio Ease
Recording: 2006-08-16 by Aram Verwoest

This MIDI Sound Keyboard has two nice little speakers.

Wharfdale broken tweeter

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

This was a nice speaker, before the tweeter stopped working. So it turned nice and boomy.

PMX 60 Headphone Leak

Category: Other Gear
Owner: Peter Bakker   **Location:** Audio Ease
Recording: 2006-08-11 by Aram Verwoest

A good sample to start an 'iPod headset leakage'
preset from.

Alarm Clock Radio

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

Pretty good mastering tool. Although it doesn't sound
great in the morning.

mac se

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2006-01-23 by Aram Verwoest

Old school, 8 bit sound straight out of the box.

babyphone

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2007-04-03 by Arjen van der Schoot & Aram Verwoest

Samples from this toy and others from the toys
category are among the smallest sounding ones in
Speakerphone. They are the samples to try first for
the tiniest of communication devices.

myfirstsonylookalike

Category: Other Gear
Owner: Audio Ease **Location:** Audio Ease
Recording: 2007-04-03 by Arjen van der Schoot & Aram Verwoest

Thick and authentic plastic sounding device. Check out the knobs and switches audio samples in the Electricity category for some good accompanying push buttons.

leslie

Category: Other Gear
Owner: Bart Jillesen **Location:** audio ease
Recording: 2009-02-03 by arjen van der schoot

available in speakerphone 2 - to be used in conjunction with the leslie rotation emulation module. in speakerphone 2.
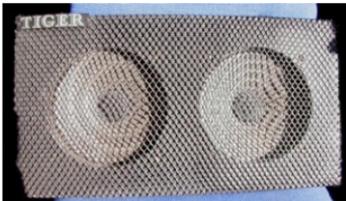
Tiger Guitar Amp Speaker

Category: Other Gear
Owner: Aram Verwoest **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

Speakers from a broken Guitar Amp. Sounds like the kit one would build into the back of a car.

tft

Category: Other Gear
Owner: Audio Ease **Location:** Audio Ease
Recording: 2006-01-23 by Aram Verwoest

Crystal clear view and crispy sound.

Answering Machine PTT

Category: Other Gear
Owner: Jankoen   **Location:** Audio Ease
Recording: 2006-08-16 by Aram Verwoest

-

Fender Mini

Category: Other Gear
Owner: Evil Joe   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

One of several loaners from legendary L.A. producer / engineer Evil Joe. Recorded via the speaker.

Marshall Mini DIR

Category: Other Gear
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

The ultimate Marshall Stack.. from the eightbitaudio collection. Recorded direct.

powerbook-b

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2006-01-23 by Aram Verwoest

Typical laptop sound, no bass, real bad mids & highs. From the speakerphone laptop collection this one is most preferred.

Sharp

Category: Other Gear
Owner: Arjen **Location:** Arjen
Recording: 2007-04-03 by Arjen van der Schoot

-

juniors-remote

Category: Other Gear
Owner: Audio Ease **Location:** Audio Ease
**Recording:** 2007-04-03 by Arjen van der Schoot & Aram Verwoest

Samples from this toy and others from the toys category are among the smallest sounding ones in Speakerphone. They are the samples to try first for the tiniest of communication devices.

Monitor Spirit Abs Zero

Category: Other Gear
Owner: Aram Verwoest **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

-

Mini Vox

Category: Other Gear
Owner: eightbitaudio **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

Quite powerful battery operated protest-march megaphone. Good for vocals too.

Cabinet w. Contact Mic

Category: Other Gear
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

One of several experiments with the excellent B-Band Contact Mic.

powercenter150

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2006-01-23 by Aram Verwoest

An internal speaker that doesn't sound bad at all, a nice little speaker sound with quite some low frequencies too.

MultiMedia Trust 80P

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

Typical desktop pc speaker

In ear HP

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

No bass!

VoiceAmp

Category: Other Gear
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

Great sounding old megaphone. From a lot of 6 bought at a school swap meet in El Paso. Used for vocals with Bonnie Raitt and Los Lobos.

powerbook-a

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2006-01-23 by Aram Verwoest

-

AudioSonic

Category: Other Gear
Owner: Hedwig & Michel   **Location:** Hedwig & Michel
Recording: 2007-04-02 by Arjen

-

Vox Mini

Category: Other Gear
Owner: Evil Joe   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

One of several loaners from legendary L.A. producer / engineer Evil Joe. Recorded via the speaker.

answering machine digital

Category: Other Gear
Owner: audio ease   **Location:** audio ease
Recording: 2008-12-14 by arjen and aram

available in speakerphone 2. One of a crop of overpriced junk at the The hague second hand store. This one smoked after we were done wiring it.

Yamaha DJX keyboard

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease Postpro location
Recording: 2005-07-14 by Aram Verwoest

.

apple

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2007-04-03 by Arjen van der Schoot & Aram Verwoest

Samples from this toy and others from the toys category are among the smallest sounding ones in Speakerphone. They are the samples to try first for the tiniest of communication devices.

pink karaoke

Category: Other Gear
Owner: Wiebe de Boer   **Location:** Audio ease
Recording: 2008-12-14 by arjen and aram

A classic example of extreme cost reduction, this bright pink karaoke microphone stand with built in speaker was sampled twice for the new speakerphone: its mic and its speaker have been added. to version 2 We could sample this on the condition that it would not break. We succeeded.

hape answering machine

Category: Other Gear
Owner: audio ease   **Location:** audio ease
Recording: 2008-12-14 by arjen and aram

available in speakerphone 2. One of a crop of
overpriced junk at the The hague second hand store.

AS-Headphone

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2005-07-14 by Aram Verwoest

-

Hiwatt Mini

Category: Other Gear
Owner: Evil Joe   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

One of several loaners from legendary L.A. producer
/ engineer Evil Joe. Recorded via the speaker.

Sony PSP White

Category: Other Gear
Owner: Han   **Location:** Audio Ease
Recording: 2006-08-16 by Aram Verwoest

Sounds even smaller then it should for its size.

answering machine sanyo

Category: Other Gear
Owner: Audio ease   **Location:** Audio ease
Recording: 2008-12-14 by Arjen and aram

available in speakerphone 2. One of a crop of
overpriced junk at the The hague second hand store.

Sony Small Headphone Leak

Category: Other Gear
Owner: Aram Verwoest   **Location:** Audio Ease
Recording: 2006-08-11 by Aram Verwoest

Small Portable Headphone Leakage. This one
sounds thin. Leakage means all audio the outside
world hears when you have this headphone turned
on pretty loud.

Fender Mini Dir

Category: Other Gear
Owner: Evil Joe   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

One of several loaners from legendary L.A. producer
/ engineer Evil Joe. Recorded via the 'direct' output.

Philips-big

Category: Other Gear
Owner: Arjen   **Location:** Arjen
Recording: 2007-04-03 by Arjen van der Schoot

-

crocodile

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2007-04-03 by Arjen van der Schoot & Aram Verwoest

Samples from this toy and others from the toys category are among the smallest sounding ones in Speakerphone. They are the samples to try first for the tiniest of communication devices.

WalkieTalkie-Solidstate

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2007-04-03 by Arjen van der Schoot & Aram Verwoest

Looks, feels and sounds like a seventies toy.

dellaptop

Category: Other Gear
Owner: Audio Ease   **Location:** Audio Ease
Recording: 2006-01-23 by Aram Verwoest

This laptop gives new meaning to the concept 'Thin'.

JVC-InteriArt

Category: Other Gear
Owner: Moniek   **Location:** Moniek's house
Recording: 2007-04-02 by Arjen

-

Hiwatt Mini Dir

Category: Other Gear
Owner: Evil Joe   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-17 by S. Husky Hoskulds

One of several loaners from legendary L.A. producer / engineer Evil Joe. Recorded via the 'direct' output.

alarm clock good old electronic

Category: Other Gear
Owner: audio ease   **Location:** audio ease
Recording: 2008-12-14 by arjen and aram

available in speakerphone 2. That's right, the brand name is good old electronic. It required a good old trashing disassembly job to get to the speaker.

Sabina

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Germany 1958 - Nowadays widely appreciated for its design, in its days the Saba Sabine was a bottom-line radio. Indeed, moulded cabinets were considered cheap, and leaving out the power transformer was also just done for saving on production cost. The back-illuminated speaker grille and tuning dial make this radio a real beauty at night. The radio was probably for export: there are no station names on the dial, and the radio does not have the LW band but has the tropical band (60-190m) instead.

Philips L4X00T

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Netherlands, 1960.

Opel Kadett

Category: Radios
Owner: Aram   **Location:** Audio Ease
Recording: 2005-06-17 by Aram Verwoest

Dirty radio, it screams, crackles and has too much bass.

Philips L3x71T

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1957 - Wood and plastic. Size is 27x18x9 cm - At the end of 1946 the world saw a new invention: the transistor. It was realized from the start that this little gem was going to change radio forever. This happened indeed, but not quite overnight. The first commercial transistor radio appeared on the market late 1954 (the Regency TR1, now very much demanded by collectors). Philips had always been a bit slow to change to new technologies. Indeed, they were very good in exploiting the old ones. But in 1957 (following 1956 experiments with Radiola and Philips radios in France) Philips could not wait any longer and came out with a transistorized portable, the one shown here.

Novak

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Belgium 1957 - Transistorized Table Top - For many people, transistor is a synonym for portable, but technically spoken this is not true. There are exceptions in both directions. There are a lot of portable tube radios, and this radio is an example of an early radio that uses transistors, but was not intended primarily for portable use. It seems to be the case that in the fifties there were still people who didn't have electricity in their homes and for using radio were dependent on battery sets. Battery radios were also used on ships.

Opel Astra

Category: Radios
Owner: Boon   **Location:** Autobedrijf Boon
Recording: 2005-06-12 by Aram and Arjen

Modest car, in between Seat Toledo and Renault Megane.

Radionette menuett 1958

Category: Radios
Owner: Norsk Radiomuseum   **Location:** Bolkesjo
Recording: 2007-09-28 by Arjen van der Schoot

available in Speakerphone 2

World Receiver WR-A70

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Asia, 2002.

JukeBox Radio

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Japan 1985 - Plastic. Size is 14.5 cm (Height) Weight is 350 gr - When the set is switched on, red lights in the front panel turn on and off. The indicators for volume and tuning are at the back of the radio, of course this is done so as not to disturb the look of the radio. I assume this is arranged by the chip visible in the radio's inside. For the rest it is the usual kind of cheap stuff found in all transistor radios of the eighties. Observe the "enormous" speaker giving the radio its tremendous sound (sic).

ProLine CD225

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

.

Wevo Portable

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Belgium, ca. 1960.

miniset

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

1990 - Black plastic . Size is 9x10x7 cm (Speaker: 7x10x7 cm). Weight is 425 gr (radio plus boxes together) - Does it count as a novelty if a radio disguises as another radio?

Telefunken 33WE 1929

Category: Norsk Radiomuseum
Owner: Norsk Radiomuseum   **Location:** Bolkesjo
Recording: 2007-09-28 by Arjen van der Schoot

available in Speakerphone 2

Seat Toledo

Category: Radios
Owner: Boon   **Location:** Autobedrijf Boon
Recording: 2005-06-12 by Aram and Arjen

Pump up that bass!! No mids and highs, just bass.

Philips B4X52AT

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Netherlands, 1965.

Erres KY 536

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Erres Radio, Netherlands, 1953. Transmission in the FM band was introduced in The Netherlands in 1950. At first, there was not much interest because receivers were expensive, and only Philips had a few FM models in its collection. This is the first FM-ready model by Erres.

Aristona SA 2034

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Netherlands, 1960.

Philips B3x91A

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1959 - Bakelite. Size is 34x20x18 cm Weight is 5 kg. At the end of the nineteen fifties, the use of the FM band had become quite common and most people would prefer to buy an FM-capable set for the living. But in bedrooms and kitchens there was a market for second sets, and these were usually a bit simpler and often incapable of receiving FM. In this class, this set is quite decent as it has four AM bands; it could be used as a tropical set, too. At least, the dial lists quite southern places like Istanbul, Tal-Aviv, Damascus, and Tunis. The DM71 tuning eye has a quite special shape, like an exclamation mark. Contrary to most other tuning indicators, the illuminated part becomes smaller when tuning is better.

CEBE

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

France, 1936. MW band only. Wooden cabinet, 40*52*29 cm. A radio of the thirties differs in some respects from a more modern radio of, say, 1950. First, the tubes used are of a 2.5V filament type and the output tube is directly heated. Understandably, these early tubes do not match the quality characteristics of later tubes.

Philips BX 321 A

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1953 - The bakelite cabinets are now well sought and expensive, but they were considered cheap half a century ago. Electrically the design is straightforward: mixer, IF amp, detector/preamp, output, and rectifier, three bands. Compared to American radios this is not quite standard, because many American radios have only the MW band. Another difference between a simple European and a simple American radio is that European radios usually are multiple-voltage. Indeed, the manufacturer wanted to sell the radios in different countries, and voltages varied quite a lot still in Europe in the fifties.

Hitachi KH 1002

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Japan 1964 - In the nineteen sixties the import of Japanese consumer electronics started. The radio looks nice, is smaller and lighter than its European counterpart, the Nordmende Stradella, but the sound quality does not compare. The Stradella, with its wooden case, has better sound. It has CONELRAD marks.

Gretz Musica

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Germany, 1963.

Saba Meersburg ME19 P

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Germany 1968 - Built in 1968, the radio equipped with tubes was almost an anachronism. But among the tube radios it is one of the modernist radios. It features five preset pushbuttons for FM stations, a stereo demultiplexer, and push-pull output stages with the ECLL800 tube. This very special tube contains two powerful output pentodes and a phase inverter triode, all in one bottle! Yet the tube has a normal Noval base with only nine pins. The radio comes with two separate speaker boxes.

Philips BX 480

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1948 - Around the end of the forties there was a large series of Philips radios with a lot of spread short wave bands. This BX480A, the later BX490, and the BX591A, and BX594A all shared this same dial (and thus, the band coverage!). This picture shows how the dial, illuminated by little bulbs from aside, is equally lit and nicely appears to shine in the dark.

Philips B1X92A

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Netherlands, 1959.

Philips Klok Radio

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Netherlands, 1967. Space age designed alarm radio.

nordmende stradella

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Germany 1965 Price was 271 DM - Wood leatherette covered. Size is 24x15x8 cm. Weight is 1,7 kg - This radio is very agreeable to use: it tunes smooth, has good reception and due to the wood cabinet the sound is good. There was a Stradella K49 variation, which offered the 49m short-wave band instead of the LW band. That version was more popular in America.

Philips BX998

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1955 - Wood. Weight is 27 kg. Philips uses a type numbering system where the first digit codes the luxury class of the radio; the higher the first digit, the more expensive is the radio. The BX998A was Philips' top model of the nineteen fifties. The price of this radio was 820 guilders (in 1956). There was also a console model FX995A with built-in pickup for 2300 guilders, but the nicest was the FX997A with tape recorder, and this machine would sell for about 2700 guilders. All models were built around the same chassis. The radio is equipped with sixteen tubes and offers the best sound quality of the time, as well as some funny and some useless gizmos. Actually, a few tubes could have been saved easily, but potential buyers would rather be attracted by having this many tubes than by a fifty guilder price reduction.

Philips B3X40U

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1964 - Plastic. Size is 42x16x15 cm - Philips B3X40U Table top Cheap plano

Kurer radionette 1951

Category: Radios
Owner: Norsk Radiomuseum   **Location:** Bolkesjo
Recording: 2007-09-28 by Arjen van der Schoot

available in Speakerphone 2

Renault Megane

Category: Radios
Owner: Boon   **Location:** Autobedrijf Boon
Recording: 2005-06-12 by Aram and Arjen

Family Car, family sound, less bass then the Seat Toledo and more high frequencies too.

Philips B0X15U

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1960 - Price was 67 guilders. Probably the cheapest Philips of that time. The ACDC power supply was chosen because of cost: no DC mains were around in the Netherlands (and probably in Europe) in 1961. Saving the cost of a power transformer, the price could be kept low. This was typically a set for kitchen or bedroom use. The ACDC sets require extreme care when servicing, and it would not be a good idea to use it in a bathroom. But ideas on safety were different in those days. Cheap, one of the first sets built on a circuit board, and a technical peculiarity: it has permeability tuning. I like its elementary design, having a combined tuning knob plus dial.

Prior 3 1949

Category: Radios
Owner: Norsk Radiomuseum   **Location:** Bolkesjo
Recording: 2007-09-28 by Arjen van der Schoot

available in Speakerphone 2

Erres RA 622

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Netherlands. 1962 - Erres RA622AT Transistorized table top. With a shining wood case and no top carrying handle this radio cannot be called a portable. It is clearly a table model, intended for use as a second set in a city home, or in places where no power is available. In the sixties, all houses in the Netherlands were electrified, but some recreational bungalows and primitive places (like the famous plaggenhuts) were not, and battery radios were still used a lot in ships.

Grundig 2031

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Germany, 1954.

Philips Nicolette

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Germany 1962 - In Germany the use of the FM band caught up earlier than in The Netherlands. This is because the Allied forced occupying Germany after the second World War didn't allow MW broadcasts. Philips portable designs of those days were unbelievably crowded: the components are partitioned over three circuit boards (one shielded and serving as FM tuner) in this little radio! The Intermediate Frequency (IF) for the FM band is 6.75MHz, while virtually all other radios use 10.7MHz here. This German type is similar to the Dutch L2X22T, except on this radio you can see the German Kanäle, and the Dutch radios didn't have the exotic girls' names.

Eveready CA

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The design goes back to circa 1946, when the original Model C was launched. The cabinet of this radio is quite remarkable. The case looks yellowish, but it isn't: the outside is made from an early form of transparent plastic, painted on the inside. Except where the dial is. Yes, the dial glass and cabinet are indeed moulded in one piece, but is simply unpainted in front of the dial. It is not possible to feel where the dial glass is.

Philips B5X94A

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Gerard tel

The Netherlands 1963 - Plano was the name for a line of radios started in 1958 with the B5X84A. Similar radios, with the same size and the same tubes, were sold until 1964 or 65. This is one of the later planos. The early planos had two output amplifiers so that stereo records could be played. From about 1963 the planos were also fitted with stereo demultiplexers to hear FM broadcasts in stereo.

Philips BX330

Category: Radios
Owner: Gerard Tel **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1954 - Bakelite. Size is 37x27x18 cm Weight is 5.5 kg. The Philips BX330A is one in a series of models. Comparison of this radio to the Fridor 522 (1952) and the Philips BX321A immediately reveals a lot of similarities. Just look at the placement of tubes, rectifier, and other components.

Standard 430

Category: Radios
Owner: Gerard Tel **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Belgium 1955 - During the early fifties it was more or less the standard to have one single radio in a family, but during the fifties one started to see cheaper models as second sets in the more wealthy families. Such a radio could be used in kitchen or parent bedroom. This radio is a transformer-less design, and could very well be used as such a second set, but of course it could also be used as the main set in a working class family. The sensitivity is quite good for such a low profile design, even on the internal antennas, and sound quality is very acceptable.

National NC 57

Category: Radios
Owner: Gerard Tel **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

USA 1948 - steel cabinet - Price was USD 98.50 - Most hams were quite satisfied with this radio, if they had the possibility to buy it, that is. The set has electrical fine tuning by small capacitors parallel to the main tuning capacitor. There is a possibility to connect extra equipment, for example, a tuning indicator.

Philips BX750

Category: Radios
Owner: Gerard Tel **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

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Radionette Kvintett 1961

Category: Radios
Owner: Norsk Radiomuseum   **Location:** Bolkesjo
Recording: 2007-09-28 by Arjen van der Schoot

available in Speakerphone 2

Philips BX 200U

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

The Netherlands 1950 -Price was 145 guilders - The quite standard ACDC design, saving the cost of the expensive power transformer was attractive. And dangerous, because nowadays these radios are often found without the back panel and with one or two knobs missing. The radio is a fire hazard as well. The dropping resistor, output tube, and rectifiers together produce some 25W of heat and are packed together in a very small space, separated from the rest of the radio by metal shielding. Put your hand on the set above this hot corner and you'll know what I mean. Do not expect wires here to have still visible insulation on them, it is all blackened and crumbled after 50 years! the sound can be considered quite good compared to many other radios of that era and that size.

Tokyo

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Japan, 1974.

Yupiteru MVT 7100

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

Japan 1993 - Price was ca. 600 - The Yupiteru MVT7100 is known as one of the best hand-held scanners there is. It can be used for overhearing police and fire communications, phones, ham radio, air, space, everything.

Zenith Royal 700V

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

United States 1958 - The radio has CONELRAD markings. The photo shows them on the tiny dial as the printed CD at 640 and 1240 kc. In the early fifties the American military became obsessed by the fear that the Soviets would nuke the States by missiles navigating using the many American MW broadcasting stations. As a counter measure, it was decided that in case of a nuclear attack all stations would abandon normal operation, and change to one of the frequencies 640kHz or 1240kHz to inform the public about measures being taken. This system of CONtrol of ELectromagnetic RADiation was called CONELRAD.

Philips BX 201

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

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Streamliner

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

China 1990 - This modern transistor radio has a dial light built in.

Supersound

Category: Radios
Owner: Gerard Tel   **Location:** Tel Family Residence
Recording: 2005-02-01 by Family Tel

-

Kurer portable

Category: Radios
Owner: Norsk Radiomuseum   **Location:** Bolkesjo
Recording: 2007-09-28 by Arjen van der Schoot

available in Speakerphone 2

1956 - Collaro Conquest

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

-

1970 - Dual 1010V

Category: Record Players
Owner: max Ramali   **Location:** hennie Overdijk Family residence
Recording: 2006-03-28 by aram verwoest

half automatic 10 record changer with wooden case
and integrated amplifier and speaker.

French Horn

Category: Record Players
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

Old 'hearing aid' horn. Purchased at a flea market
outside of Ganges, in the South of France during the
recording of the Gipsy Kings album 'Roots'. A favorite
for piano sounds on several of the 'eightbitaudio'
album projects, including Joe Henry, Bettye Lavette
and Solomon Burke.

1964 - Gerrard Dansette

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

-

Silver Horn

Category: Record Players
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

Another 'hearing aid' type horn. From an antique shop in Reykjavik, Iceland.

1961 - Aristona AR8464

Category: Record Players
Owner: Hennie Overdijk   **Location:** Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

This electrophone has a single speaker built into its detachable lid.

1966 - Aristona SA8490

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

The Detachable lid holds a single speaker. The casing and arm are made of plastic.

1958 - La Voix de son Maitre

Category: Record Players
Owner: Hennie Overdijk   **Location:** Overdijk Family Residence
Recording: 2006-03-28 by Aram verwoest

This 4-speed record changer was produced in 1958 by the French "His Master's Voice" of Pathé-Marconi.

1966 - Marconiphone

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

This UK Built, wooden cased record changer has a Tone adjustment Knob.

1962 - Philips

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram Verwoest

-

1961 - triotrackbamb

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram Verwoest

-

Grammy Horn

Category: Record Players
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

Grammy for best engineer on some record.. a few years back. Obviously they're good for more than doorstops and paperweights..

1960 - Collaro Studio RC60

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

British wooden cased record changer. It has a turn-over element, with a needle on both sides.

1962 - ERRES PS106

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

Plastic cased 4-speed gramophone with a treble knob.

1958 - Eden (FA)

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram Verwoest

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Red Horn

Category: Record Players
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

Some sort of paper version of a gramophone horn - again, from a flea market, this time in Northern California. Used for strings and recording Ornette Coleman for Joe Henry's 'Scar'. Sounds great on any brass instrument.

Black Horn

Category: Record Players
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

Actual Gramophone horn, purchased years ago at a market in Mexico. Used for mechanical filtering (with a mic inside) on several albums including Joe Henry, Tom Waits and Fantomas.

1957 - Jobo Jobophone 8

Category: Record Players
Owner: Hennie Overdijk   **Location:** Overdijk Family Residence
Recording: 2006-03-28 by Aram verwoest

Produced between 1956 and 1959, this 1958 4-speed model has colored speed knobs to indicate the stylus type to be used. Built for connection to a radio for amplification.

1957 - Philips NG2474

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

French made electrophone, 4 speed with two speakers integrated in its lid.

1952 - Braun 777W

Category: Record Players
Owner: Hennie Overdijk   **Location:** Overdijk Family Residence
Recording: 2006-03-28 by Aram Verwoest

This particular model, from 1954, is intended for connection to a separate radio for amplification. The gramophone has been built into integrated systems such as the Braun 77UKW And the Braun 555UKW.

1981 - B-O Beocenter 2200

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

-

1970 - Philips 22GF633

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

Battery or socket powered 3 speed player with wooden case. Amp and speaker are integrated in the lid, which is detachable.

1958 - Perpetuum-Ebner

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

-

1963 - Dansette Bermuda

Category: Record Players
Owner: Hennie Overdijk   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

Morris Margolin decided to combine his passion for furniture and music. This Birmingham Sound Reproducers model was therefore to be combined with 4 legs. The record changer could play through a stack of ten (10) 45 rpm records.

1961 - Dual 1008

Category: Record Players
Owner: Max Ramali   **Location:** Hennie Overdijk Family residence
Recording: 2006-03-28 by Aram verwoest

The name Dual reflected the technology that was developed by Gebrueder Steidinger for use in its gramophones. These gramophones were literally DUAL powered, you could use them outside on "wind up" power. This model is single powered though, wooden cased, fully automatic and features a record changer for up to 10 records.

1958 - Philips AG4156

Category: Record Players
Owner: Max Ramali   **Location:** Overdijk Family Residence
Recording: 2006-03-28 by Aram Verwoest

This 1961 built player has a built in amplifier and speakers in de sides of the case.

Monacor Megaphone TM-27

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

The standard for shouting, negotiation, rap, beatbox, etc. This megaphone will do it all and it's LOUD!

Motorola GP-680

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

The standard in communicating with your fellow colleagues at the construction site.

Motorola GP-340 VHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

-

Cheerleader Horn

Category: Megaphones and Walkie Talkies
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

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Guider Megaphone

Category: Megaphones and Walkie Talkies
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

From the eightbitaudio megaphone collection.

Kenwood TK-3160 UHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

-

SPA-603-Shoulder-Megaphone

Category: Megaphones and Walkie Talkies
Owner: Aram Verwoest   **Location:** Audio Ease
Recording: 2007-04-03 by Aram Verwoest

It's portable, has two mini jack inputs (for your mic and your guitar!) you can hang it round your shoulder and it's LOUD!

Motorola ext-mic

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

This is a standard external microphone which is widely used with almost all walkie talkies we recorded.

Jensen Hypex

Category: Megaphones and Walkie Talkies
Owner: eightbitaudio   **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

From the eightbitaudio megaphone collection.

plastic megaphone

Category: Megaphones and Walkie Talkies
Owner: audio ease   **Location:** audio ease
Recording: 2008-12-14 by Arjen and aram

available in speakerphone 2. So loud it makes
everybody laugh.

Kenwood TK-3140 UHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

One of the few UHF walkie-talkies in the collection.

inear-plug

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

Use to bypass the ambient noise and get ready for
an intimate conversation.

Kenwood TK-360 UHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

-

Motorola GP-900 VHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

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Kenwood TK-3210

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

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Yeasu VX-800 VHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

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Megaphone Fedtro

Category: Megaphones and Walkie Talkies
Owner: eightbitaudio **Location:** The Mute Matrix - Los Angeles
Recording: 2005-03-15 by S. Husky Hoskulds

From the eightbitaudio megaphone collection.

Kenwood TK-2180 VHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

One of the more fancy walkie-talkies with lots of knobs, yes it looks like my old cell phone.

Motorola Base Station

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

Together with the Base Mic this is for the ones coordinating the guys in the field who use the walkie-talkies.

Motorola Base Mic

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

Together with the Base Station this device is used by the ones that stay at the expedition's base-camp.

Kenwood TK-280 VHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

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Kenwood TK-270 VHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

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Motorola GP-320 VHF

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

Watch it, it's VHF!

Kenwood TK-3101

Category: Megaphones and Walkie Talkies
Owner: Smelt-Portofoons   **Location:** Zwolle Residence
Recording: 2005-11-09 by Aram Verwoest

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